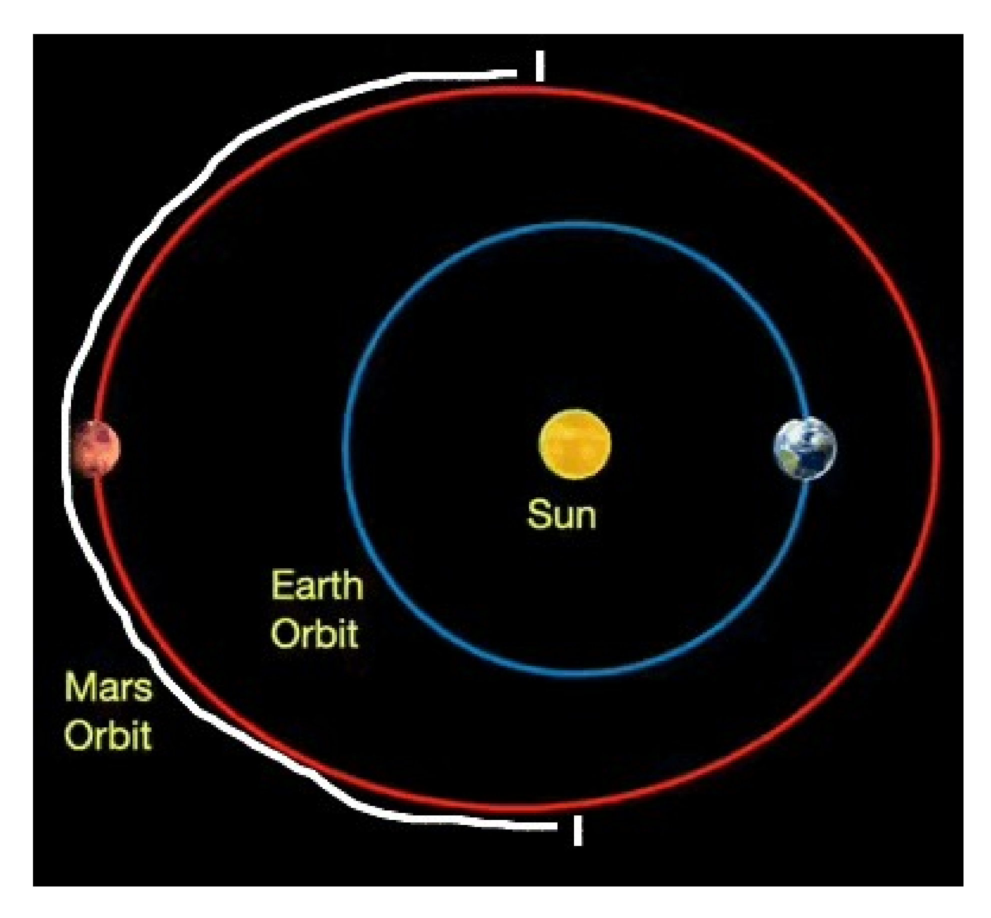
Dow Jones percentage changes between 1896 and 2023, in correlation with the orbital phase of Mars.
By Anthony of Boston

Please refer to this paper for context before analyzing the data below
https://www.academia.edu/123648970

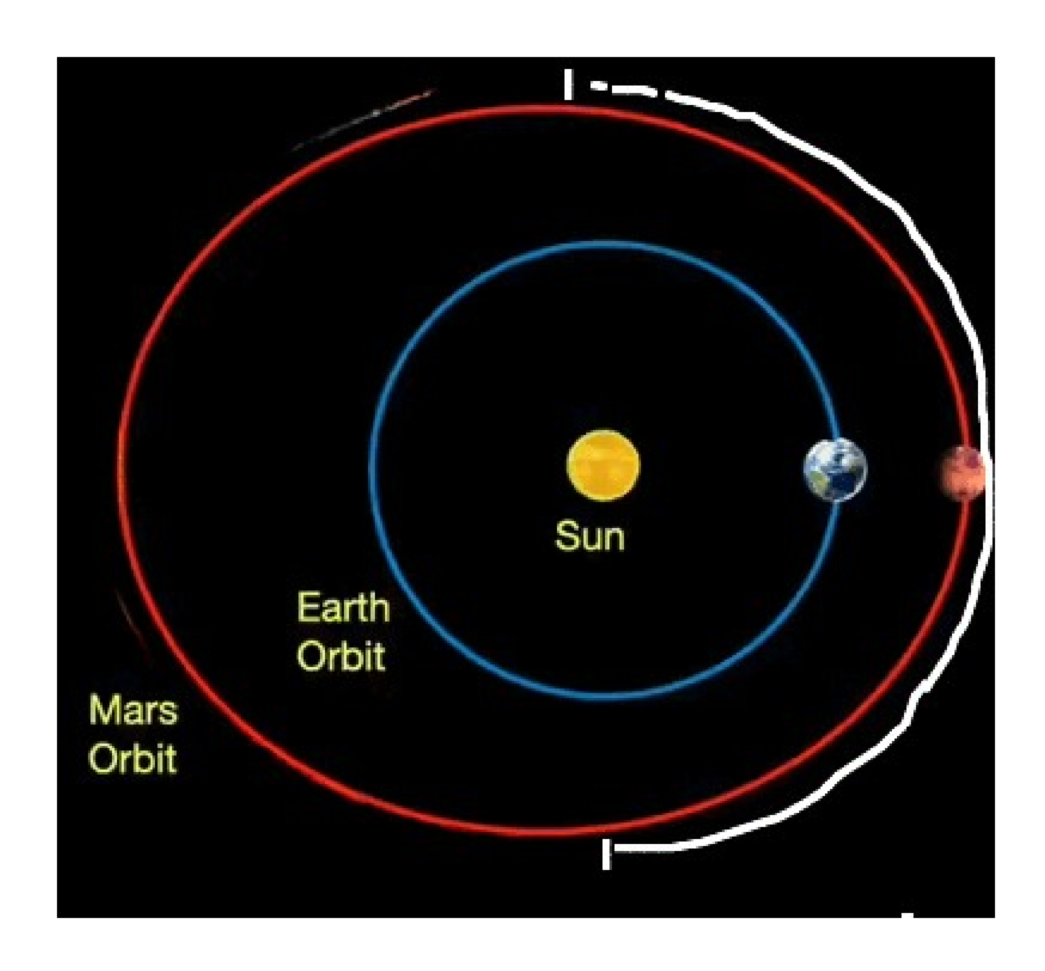
Below are the time-frames of when Mars was going behind the sun from Earth's point of view, along with how the Dow Jones performed during those times. All 25 major stock market crashes occurred when Mars was anywhere along the white line. This is indicated in the data. The theory is that when Mars is in this orbital phase, its gravity pulls earth's axial tilt toward the sun, increasing warmth and negatively affecting investor sentiment.



July 15, 1896 to September 1, 1896, Mars was behind the sun. The Dow Jones fell -3.46%
Feb 15, 1897- October 18 1898, Mars was behind the sun. The Dow Jones rose +29%
Mar 24 1899 – Nov 15, 1900, Mars was behind the sun. The Dow Jones fell -3.14% - Dec 18, 1899, the stock market fell -8.72%
May 2 1901 - Dec 27 1902, Mars was behind the sun. Dow dropped -14.93%
June 9 1903 - January 26, 1905, Mars was behind the sun, the Dow rose +23%
Aug 1 1905 – March 14, 1907, Mars was behind the sun, the Dow dropped -4.84% - March 14, 1907, the stock market fell -8.29%
Oct 14 1907 – May 13 1909 – Mars behind the sun, Dow rose +40%
Dec 18 , 1909 – Aug 8, 1911 – Mars behind the Sun, Dow dropped -15.63%
Jan 27, 1912 – Oct 4, 1913 – Mars behind the Sun,Dow dropped -0.30%
March 11, 1914 – Nov 9, 1915 – Mars behind the sun, Dow rose +17.29% - July 30, 1914, the stock market dropped -6.91%
Apr 18, 1916 – Dec 12, 1917 – Mars behind the Sun, Dow dropped -26.10% - On February 1, 1917, the stock market fell -7.24%
May 22, 1918 – Jan 14, 1920 - Mars behind the sun, Dow rose +23.54%
Jul 7, 1920 – Feb 19, 1922 – Mars behind sun, Dow dropped -7.60%
Sept 15, 1922 – April 12, 1924 – Mars behind the sun, Dow dropped -8.78%
Nov 23, 1924 – July 10, 1926 – Mars behind sun, Dow rose +36%
Jan 16, 1927 – Sept 15, 1928 – Mars behind the sun, Dow rose 45%
Mar 1, 1929 – Oct 27, 1930 - Mars behind the sun, Dow dropped -38% - October 29, 1929 Stock Market crash
November 6 1929 Stock Market Crash

Mar 28, 1931 – Nov 30, 1932- Mars behind the sun, Dow dropped -92.36% - August 12, 1932, stock market dropped -8.4 %
September 24, 1931, the stock market dropped -7.07%
October 5, 1932, the stock market dropped -7.15 %
July 20, 1932, the stock market dropped -7.07%
May 3, 1933 – Jan 1, 1935, Mars behind the sun, Dow rose +37% - July 21, 1933, The stock market dropped -7.84%
June 16, 1935 – Feb 3, 1937, Mars behind the sun, Dow rose +47.67%
Aug 10, 1937 – Mar 22, 1939, Mars behind the sun, Dow dropped -21.97% - October 18, 1937, the stock market dropped -7.75%
Oct 25, 1939 – Jun 2, 1941 – Mars behind the sun, Dow dropped -25.90%
Dec 31, 1942 – Aug 28, 1943 – Mars behind the sun, Dow rose +21.05%
Feb 13, 1944 – Oct 12, 1945 – Mars behind the sun, Dow rose +32%
Mar 17, 1946 – Nov 18, 1947 – Mars behind the sun, Dow dropped – 4.61%
Apr 23, 1948 – Dec 18, 1949 – Mars behind the sun, Dow rose +8.78%
May 29, 1950 – Jan 22, 1952- Mars behind the sun, Dow rose +22.91%
Jul 16, 1952 – Mar 2, 1954 – Mars behind the sun, Dow rose +7.72%
Oct 1, 1954 - April 28, 1956 – Mars behind the sun, Dow rose +36.53%
Dec 7 1956 – July 25 1958 – Mars behind the sun, Dow rose +2.42%
Jan 27, 1959 – Sep 26, 1960 – Mars behind the sun, Dow dropped -1.68%
Mar 5, 1961 – Nov 6, 1962 – Mars behind the sun, Dow dropped -7.97%
Apr 10 1963 – Dec 6, 1964 – Mars behind the sun, Dow rose +21.51%
May 17, 1965 – Jan 8, 1967 – Mars behind the sun, Dow dropped -14.02%
Jun 26, 1967 – Feb 14, 1969 – Mars behind the sun, Dow rose +8.68%
Aug 24, 1969 - Apr 1, 1971 – Mars behind the sun, Dow rose +9.19%
Nov 17, 1971 – Jun 20, 1973 – Mars behind the sun, Dow rose +8.88%
Jan 15, 1974 – Sept 9 1975 – Mars behind the sun, Dow rose +2.03%
Feb 21, 1976 – Oct 20, 1977 – Mars behind the sun, Dow dropped -18.33%
Mar 29, 1978 – Nov 23, 1979 – Mars behind the sun, Dow dropped +8.27%
May 1, 1980 – Dec 24, 1981 – Mars behind the sun, Dow rose +8.21%
Jun 9, 1982 – Jan 30, 1984 – Mars behind the sun, Dow rose +44%
Aug 1, 1984 – Mar 16, 1986 – Mars behind the sun, Dow rose +49%
Oct 15, 1986 – May 19, 1988 – Mars behind the sun, Dow rose +16.03% - October 19, 1987 Stock market crash
October 26, 1987, the stock market dropped -8.04%
Dec 17, 1988 – Aug 7 1990 – Mars behind the sun, Dow rose +24.76%
Feb 6, 1991 – Oct 5, 1992 – Mars behind the sun, Dow rose +14.44%
Mar 12, 1993 – Nov 10, 1994 – Mars behind the sun, Dow rose +10.79%
Apr 21, 1995 – Dec 13 1996 – Mars behind the sun, Dow rose +40.92%
May 20, 1997 – Jan 14 1999 – Mars behind the sun, Dow rose +26.49% - On October 27, 1997, the stock market crashed -7.18%
Jul 8, 1999 – Feb 22, 2001 – Mars behind the sun, Dow dropped -3.20% - April 14, 2000, the stock market dropped -5.66%
Sep 13 2001 – Apr 18, 2003 – Mars behind the sun, Dow dropped -9.25% - September 17, 2001, the stock market fell -7.13%
Dec 1, 2003 – July 12, 2005 – Mars behind the sun, Dow rose +8.13%
Jan 17, 2006 – Sept 17, 2007 – Mars behind the sun, Dow rose +21.00%
Feb 27, 2008 – Oct 28, 2009 – Mars behind the sun, Dow dropped -16.66% - October 15, 2008, the stock market fell -7.87%
September 29, 2008, the stock market dropped – 6.98%
October 9, 2008, the stock market fell -7.33%
On Dec 1, 2008, the stock market dropped -7.70%
Apr 5, 2010 – Dec 1, 2011 – Mars behind the sun, Dow rose +12.35% - August 8, 2011, the stock market dropped -5.15%
May 8, 2012 – Jan 2 2014 – Mars behind the sun, Dow rose + 24.46%
Jun 15 2014 – Feb 8 2016 – Mars behind the sun, Dow dropped -2.81%
Aug 15, 2016 – Mar 23, 2018 – Mars behind the sun, Dow rose +24%
Nov 4 2018 – Jun 7, 2020 – Mars behind the sun, Dow rose +7.28% - March 9, 12 and 16 Stock Market Crash
Jan 1 2021 – Aug 27, 2022 -Mars behind the sun, Dow rose +5.48%

Below are the time-frames of when Mars was passing in front the sun from Earth's point of view, along with how the Dow Jones performed during those times. No major stock market crashes occurred when Mars was anywhere along the white line(see below). This is indicated in the data. The theory is that when Mars is in this orbital phase, its gravity pulls earth's axial tilt away from the sun, increasing cooling and positively affecting investor sentiment.



September 2 1896 to Feb 13, 1897, Mars was in front of the sun. The Dow Jones rose +22%
October 19, 1898 - Mar 23 1899, Mars in front of sun, The Dow Jones rose +32.90
November 16, 1900 – May 1, 1901, Mars was in front of the sun. The Dow Jones rose + 13.49%
December 28 1902 - June 9, 1903, Mars was in front of the sun, the Dow dropped -10.09%
January 27, 1905 – July 31, 1905, Mars was in front of the sun, the Dow Jones rose +16%
March 15 1907 – Oct 13 1907 – Mars in front of the sun Dow dropped -18.70%
May 14, 1909 – Dec 17, 1909 - Mars in front of Sun, Dow rose +8.23
Aug 9, 1911 – Jan 26, 1912 – Mars in front of Sun, Dow dropped -0.53%
October 5, 1913 - March 9, 1914 – Mars in front of Sun, Dow rose +1.17%
Nov 10, 1915 – Apr 18, 1916 – Mars in front of Sun Dow rose + 0.04%
Dec 13, 1917 – May 21, 1918 – Mars in front of sun, Dow rose +21%
Jan 15, 1920 – Jul 6, 1920 – Mars in front of sun, Dow dropped -8.06%
Feb 20, 1922 – Sept 14, 1922 – Mars in front of Sun, Dow rose +18.33%
April 13, 1924 – Nov 22,1924 – Mars in front of sun, Dow rose +19.21%
July 11, 1926 – Jan 15, 1927 – Mars in front of sun, Dow rose +0.47%
Sept 16, 1928 – Feb 28, 1929 – Mars in front of sun Dow rose +29%
Oct 28, 1930 – Mar 27, 1931- Mars in front of sun, dow dropped -7.81%
Nov 30, 1932 – May 2, 1933, Mars in front of the sun, Dow rose +35%
Jan 2, 1935 – June 15, 1935, Mars in front of the sun, Dow rose +14.15%
Feb 4, 1937 – Aug 9, 1937, Mars in front of sun, Dow dropped -0.31%
Mar 23, 1939 – Oct 24, 1939 – Mars in front of sun, Dow rose +11.45%
Jun 3, 1941 – Dec 30, 1941 – Mars in front of sun, Dow dropped -3.81%
Aug 29, 1943 – Feb 12, 1944 – Mars in front fo sun, Dow dropped -0.11%

October 13, 1945 – Mar 16, 1946 – Mars in front of the sun, Dow rose +4.87%
Nov 19, 1947 – Apr 22, 1948 – Mars in front of sun, Dow rose +0.91%
Dec 19, 1949 – May 28, 1950 – Mars in front of sun, Dow rose +11.49%
Jan 23, 1952 – Jul 15, 1952 – Mars in front of Sun, Dow rose +0.64%
Mar 3, 1954 – Oct 1, 1954 – Mars in front of the sun, Dow rose +19.25%
April 29, 1956 – Dec 7 1956 – Mars in front of sun, Dow dropped -3.00%
July 26 1958 – Jan 26, 1959 - Mars in front of the sun, Dow rose +16.86%
Sep 27, 1960 – Mar 5, 1961 – Mars in front of the sun, Dow rose +15.37%
Nov 7, 1962 – Apr 9, 1963 – Mars in front of the sun, Dow rose +14.72%
Dec 7, 1964 – May 16 1965 – Mars in front of sun, Dow rose +7.70%
Jan 9, 1967 – Jun 25, 1967 – Mars in front of the sun, Dow rose +8.43%
Feb 15, 1969 – Aug 23, 1969 – Mars in front the sun, Dow dropped -12.54%
Apr 2, 1971 – Nov 16, 1971 – Mars in front the sun, Dow dropped -9.42%
June 21, 1973 – Jan 14, 1974 – Mars in front the sun, Dow dropped -3.98%
Sept 10, 1975 – Feb 20, 1976 – Mars in front the sun, Dow rose +18.21%
Oct 21, 1977 – Mar 28, 1978 – Mars in front of the sun, Dow fell -6.84%
Nov 24 1979 – Apr 30, 1980 – Mars in front the sun, Dow rose +1.17%
Dec 25, 1981 – Jun 8, 1982 – Mars in front the sun, Dow dropped -8.11%
Feb 1, 1984 – Jul 30, 1984 – Mars in front the sun, Dow rose -9.10%
Mar 17 1986 – Oct 14, 1986 – Mars in front the sun, Dow rose +1.18%
May 20 1988 – Dec 16, 1988 – Mars in front the sun, Dow rose +10.03%
Aug 8, 1990 – Feb 5, 1991 – Mars in front the sun, Dow rose +3.77%
Oct 6 1992 – Mar 11, 1993 – Mars in front the sun, Dow rose + 8.58%
Nov 11, 1994 – Apr 20, 1995 – Mars in front the sun, Dow rose +10.37%
Dec 14, 1996 – May 19, 1997 – Mars in front the sun, Dow rose +14.24%
Jan 15 1999 – Jul 7, 1999 – Mars in front the sun, Dow rose +21.08%
Feb 23, 2001 – Sep 12, 2001 – Mars in front of sun, Dow dropped -8%
Apr 19 2003 – Nov 30 2003 – Mars in front of the sun, Dow rose +16%
July 13, 2005 – Jan 16, 2006 – Mars in front the sun, Dow rose +4.30%
Sept 18, 2007 – Feb 26, 2008 – Mars in front the sun, Dow dropped -4.71
Oct 29, 2009 – Apr 4 2010 – Mars in front the sun, Dow rose +12.09%
Dec 2, 2011 – May 7 2012 – Mars in front the sun, Dow rose +8.17%
Jan 3 2014 – Jun 14, 2014 – Mars in front the sun, Dow rose +2.27%
Feb 9, 2016 – Aug 14, 2016 – Mars in front of the sun, Dow rose +15.08%
Mar 24, 2018 – Nov 3, 2018 – Mars in front of the sun, Dow rose +7.69%
Jun 8, 2020 – Dec 31, 2020 – Mars in front the sun, Dow rose +16.45%
Aug 28 2022 – Feb 19 2023 – Mars in front the sun, Dow rose +4.78%